

Converting Colors

YUV(111.4580, -4.6628, 2.2293)

Have a look what the booklet for
YUV(111.4580, -4.6628, 2.2293)
contains.

YUV(111.4580, -4.6628, 2.2293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.4580, -4.6628,
2.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	727066
RGB	114, 112, 102
RGB Percent	45%, 44%, 40%
CMY	0.5529, 0.5608, 0.6000
CMYK	0.00, 0.02, 0.11, 0.55
HSL	50°, 6%, 42%
HSV	50°, 11%, 45%
XYZ	15.1319, 16.1251, 14.8853
YIQ	111.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

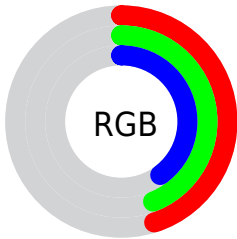
Format	Color
R_{YB}	104, 114, 102
Decimal	7499878
CIE Lab	47.14, -1.16, 5.83
CIE LCh	47, 5.943, 101.219
Yxy	16.1251, 0.3279, 0.3495
Android (android.graphics.Color)	4285689958 (0xFF727066)
YUV	111.4580, -4.6628, 2.2293
Hunter-Lab	40.1560, -3.0094, 6.1312

Details

The YUV color **111.4580, -4.6628, 2.2293** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.5420, 4.6628, -2.2293**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3440, -5.0996, 2.3293**, and **63.5720, -4.2260, 2.1294** is the 20% darker color. If you saturate the color by 10%, you get **109.0300, -8.8888, 4.3587**, and if you desaturate by 10%, it is **113.8860, -0.4368, 0.1000**.

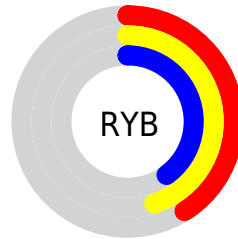
Distribution



Red (45%)

Green (44%)

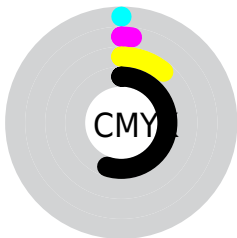
Blue (40%)



Red (41%)

Yellow (45%)

Blue (40%)

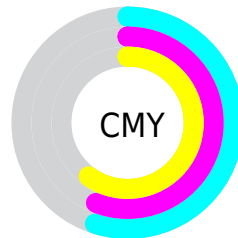


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (55%)



Cyan (55%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.4580, -4.6628, 2.2293 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 111.4580, -4.6628, 2.2293 by changing the saturation by 10% instead.

■ 111.4580, -4.6628,
2.2293

■ 111.4580, -4.6628,
2.2293

255.0000, 0.0000,
0.0000

■ 87.1590, -4.5154,
1.6146

■ 163.3440, -5.0996,
2.3293

■ 63.5720, -4.2260,
2.1294

■ 190.3440, -5.0996,
2.3293

■ 41.6860, -3.7892,
2.0294

■ 218.2300, -5.5364,
2.4293

■ 21.4580, -4.6628,
2.2293

■ 246.2300, -5.5364,
2.4293

■ 0.0000, 0.0000,
0.0000

■ 111.4580, -4.6628,

■ 111.4580, -4.6628,

2.2293

2.2293

■ 109.0300, -8.8888,
4.3587

■ 113.8860, -0.4368,
0.1000

■ 106.4880,
-13.5516, 6.5880

■ 116.4280, 4.2260,
-2.1294

■ 104.0600,
-17.7776, 8.7174

■ 118.8560, 8.4520,
-4.2587

■ 101.5180,
-22.4404, 10.9467

■ 121.3980, 13.1148,
-6.4880

■ 99.0900, -26.6664,
13.0761

■ 123.8260, 17.3408,
-8.6174

■ 97.2490, -31.1818,
14.6906

■ 125.6670, 21.8562,
-10.2320

■ 94.7070, -35.8446,
16.9200

■ 128.2090, 26.5190,
-12.4613

■ 92.2790, -40.0705,
19.0493

■ 130.6370, 30.7450,
-14.5906

■ 89.8510, -44.2965,
21.1787

■ 133.1790, 35.4078,
-16.8200

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111.7790, -4.8210, 6.3328



111.4580, -4.6628, 2.2293



111.0660, -3.4835, -2.6889

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



111.4580, -4.6628, 2.2293



110.2700, 3.8109, -9.0068



112.9730, 0.9993, 6.1627

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



111.4580, -4.6628, 2.2293



104.5420, 4.6628, -2.2293

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



112.5210, 3.1941, 2.1741



111.4580, -4.6628, 2.2293



110.9220, 4.9685, -6.9476

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



111.4580, -4.6628, 2.2293



110.2870, 1.3375, -9.0217



112.1290, 4.3734, -2.7441



112.7130, -1.3375, 9.0217

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



111.4580, -4.6628, 2.2293



110.5110, -1.7309, -4.8331



112.1290, 4.3734, -2.7441



112.9020, 2.0203, 5.3479

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



111.4580, -4.6628, 2.2293



146.8430, -1.8946, 1.0147



105.8160, -0.8953, 7.1774



73.0710, -1.0210, 0.8147



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.4580, -4.6628, 2.2293



144.0730, -7.4310, 3.4440



111.4360, -4.6519, -1.2594



54.7290, -2.3314, 1.1147



94.5800, -46.6279, 22.2933



194.7750, -96.0241, 45.8013

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



104.5420, 4.6628, -2.2293



132.9270, 7.4310, -3.4440



104.5640, 4.6519, 1.2594



51.2710, 2.3314, -1.1147



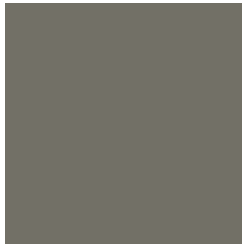
25.4200, 46.6279, -22.2933



52.2250, 96.0241, -45.8013

Previews

White Background



This preview shows how the YUV color 111.4580, -4.6628, 2.2293 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.4580, -4.6628, 2.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

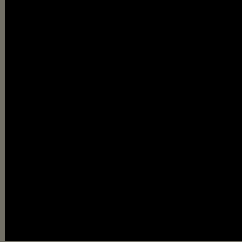
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.4580, -4.6628, 2.2293

Background



This preview shows how black text looks on a background with the YUV color 111.4580, -4.6628, 2.2293.



This preview shows how white text looks on a background with the YUV color 111.4580, -4.6628,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

111.4580, -4.6628, 2.2293

Protanopia

111.4690, -4.6682, 3.9737

Deuteranopia

112.8120, -4.8373, 11.5659



Tritanopia

112.7060, 2.6099, 2.8888

Trichromacy



Original Color

111.4580, -4.6628, 2.2293

Protanomaly

111.1700, -4.5208, 3.3589

Deuteranomaly

112.2030, -4.5371, 8.5920

Tritanomaly

112.3100, -0.1528, 2.3591

Monochromacy



Original Color

111.4580, -4.6628, 2.2293

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4580, -4.6628, 2.2293 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(114, 112, 102)` looks like.

```
.text, #text, p{  
    color:rgb(114, 112, 102)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(114, 112, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 112, 102) }
```

Border

The CSS property to change the border of an element to YUV 111.4580, -4.6628, 2.2293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 112, 102) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(114, 112, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(114, 112, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 112, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 112, 102);  
box-shadow:4px 4px 4px 4px rgb(114, 112,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 111.4580, -4.6628, 2.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 112, 102) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(114,  
112, 102) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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